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JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **01132626 A**

(43) Date of publication of application: **25.05.89**

(51) Int. Cl. **C08G 61/08**  
**G02B 1/04**  
**G11B 7/24**

(21) Application number: **62288528**

(22) Date of filing: **17.11.87**

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(54) **OPTICAL MATERIAL**

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(57) Abstract:

PURPOSE: To make it possible to form an optical material having excellent optical properties, low hygroscopicity and good heat resistance, by using a polymer obtained by hydrogenating a polymer of a compound of a specified structural formula or a polymer obtained by copolymerizing this compound with another copolymerizable monomer.

CONSTITUTION: This optical material is formed by hydrogenating a polymer of at least one compound of formula I or a polymer obtained by polymerizing this compound with another copolymerizable monomer. In formula I, A and B are each a hydrogen atom or a 1W10C hydrocarbon group, X and Y are each a hydrogen atom, a 1W10C hydrocarbon group or a halogen atom or a halogenated 1W10C hydrocarbon group or the like, and m is 0 or 1. Examples of said copolymerizable monomers include a monomer which can be polymerized through ring opening by a metathesis catalyst and a partially polymerized low-MW polymer having a C-C double bond in the main chain.

